

ABSTRACT

The present invention relates to an integrated support, integrated minute vessels and a permeable membrane, and a method of making and using the same, and has an object of providing an integrated support, integrated minute vessels and permeable membrane which can be manufactured simply, cheaply, and in large quantities; which can be suitably applied to various processes, and in which the level of integration is high, the operating efficiency is high, and wherein the volumes and sizes of the support, the vessels and the membrane are suitable for handling minute quantities of liquids; and for which processing can be conducted surely and with good reliability; as well as methods of making and using the same.

The invention is constructed comprising at least one thread shaped, string shaped, tape shaped, or rod shaped long and slender base member, and a variety of substances for detection of predetermined chemical structure which are fixed side by side along the length of the base member, and the base member is rolled, laminated or arranged using a predetermined method, to give integration, and the fixed location on the layer surface of the integrated base member, of each substance for detection corresponds to the chemical structure thereof.

[FIG. 1]

D-875611.1